

WHAT IS CLAIMED IS:

1. A hearing aid device, comprising:

at least one input transducer configured to acquire an input signal and transduce it into an electrical signal;
a detector for detecting a signal output by a screen device;
a signal processing unit configured to process and amplify the electrical signal, the signal processing unit being adaptable to different auditory situation by at least one adjustable parameter that can be automatically adjusted dependent on the signal; and
an output transducer to transduce the processed electrical signal into an acoustic or mechanical output signal.

2. The hearing aid device according to claim 1, wherein the signal is a line signal.

3. The hearing aid device according to claim 2, further comprising:

a threshold value, wherein a signal strength of the line signal can be detected and compared with the threshold value to automatically adjust the parameter upon exceeding the threshold value.

4. The hearing aid device according to claim 2, further comprising:

an adjustable threshold value, wherein a signal strength of the line signal can be detected and compared with the threshold value to automatically adjust the parameter upon exceeding the threshold value.

5. The hearing aid device according to claim 2, further comprising:

an automatic parameter adjustment mechanism configured such that the parameter can be adjusted dependent upon the line signal frequency of the line signal, an automatic adjustment of the parameter ensuing when the line signal frequency exhibits a particular values or lies within a particular value interval.

6. The hearing aid device according to claim 5, further comprising:
an adjustment mechanism permitting adjustment of the value or the value interval.

7. The hearing aid device according to claim 2, wherein the screen device is a television device and the detector is configured to detect a line signal output by the television device.

8. The hearing aid device according to claim 7, wherein an automatic adjustment of the parameter ensues when the line signal frequency is 15.625 KHz or 15.734 KHz.

9. The hearing aid device according to claim 2, wherein the parameter can automatically be adjusted given a detected line signal, and the parameter can be set back to its original value when the line signal can no longer be detected.

10. A method for operating a hearing aid device, comprising:
providing at least one input transducer, a detector; a signal processing unit, and an output transducer of the hearing aid device;
acquiring an input signal with the input transducer and converting it into an electrical signal;
detecting a signal output by a screen device with the detector;

amplifying the electrical signal with the signal processing unit;
automatically adjusting a parameter of the hearing aid device with the signal processing unit based on whether the screen device signal is present or not;
processing the electrical signal based on the parameter by the signal processing unit; and
converting the processed electrical signal into an acoustic or mechanical output signal by the output transducer.